

Esna Zodiac
from Description de l'Egypte, I, pl. 79



second lion = Lupus (?)


Gilgamesh fighting the lion
Akkadian Cylinder seal, c. 2500-2000 BC
(Location unknown)


## Lions from the Lion frieze

## Gate of Ishtar

604-582 BC
Berlin, PKB, Vorderasiatisches Museen


Herakles and the Nemean Lion
Attic, red-figures kapis, att.r Aegisthus Painter
c. 480-60 BC

Malibu, Getty Museum (acc. 86.AE 230)


Herakles and Nemean lion
Attic black-figure amphora from Vulci, c. 520 BC

Brescia, Museo Civico


Nimes


Herakles and the Nemean Lion White-groun lekythos
Diospohos painter, c. 500-475 BC
Paris, Musése du Livre (acc.: L 31)
(Wikimedia Coomons: photo by Jastrow 2006))
(Wikimedia Comon: photo by Jastrow 2006))


Herakles and the Nemean Lion w/ Iolaus and Athena Attic, black-figure neck amphora from Vulci, c. 52030 BC (attr. Bologna painter)
Munich, Antikensammlungen (1557)
(Wikimedia Commons - photo by Bibi Saint-Pol
2007)


Herakles and the Nemean Lion w/ Iolaus and Athena
Attic, red-figure stamnos, c. 490 BC
Philadephia, Univ of Penn Museum (L-64-185)


Herakles and the Nemean Lion Silver stater from Herakleion Lukania, c. 330 BC
ex-Leu numismatic, AG, Zurich


Herakles and the Nemean Lion w/ Athena Attic, black-figure oinochoe from Etruria attr. Amasis painter, c. 540 BC Paris, Musée du Louvre


Herakles and the Nemean Lion Attic, black-figure amphora attr. Munich painter, c. 530-520 BC St Petersburg, Hermitage


Herakles and the Nemean Lion Bronze mirror cover From Anaktorion, c. 370 BC London, The British Museum


Herakles and the Nemean Lion Attic, black-figure oinochoe from Vulci, 520-500 BC London The British Museum (inv. E.621)


Herakles and the Nemean Lion Astrogalos by the Syriskos, first half $5^{\text {th }} \mathrm{C} B C$ Rome, Villa Giulia


Hercules and Nemean Lion
Bi-lingual amphora, Attcic, attr Andokides/Lysippised Painter
520-530 BC
London, The British Museum , acc: 1839, 11092


Hercules and Nemean Lion
Attic black-figure mastos, c. 535-520 BC
Paris, Musée du Louvre (acc: F 167)
(Wikimedia Commons - photo credit: Bibi Saint-Pol (2007))


Hercules and Nemean Lion Black-figure lykythos, c. 540 BC , from Beothia/Euboea
Paris, Musée du Louvre (acc: CA 1340) (Wikimedia Commons - photo credit: Bibi Saint-Pol (2007))


Hercules and Nemean Lion
Ps-Chalcidian Black-figure neck amphora, attr. Polyphemus
Group, c. 560-540 BC
Paris, Musée du Louvre


Hercules and Nemean Lion
Black-figure Hydria, attr Alkmene painter, c. 53-510 BC
Reading (GB)c, Mueum

Classical images - Greek (Herakles and Nemean Lion - unusual postures)


Hercules and Nemean Lion
Attic, black-figures lip cup, attrib to Phrynos Painter, c. 550 BC Malibu, Getty Museum (acc. 96.AE 91


Hercules and Nemean Lion
Amsterdam. Allard Pierson Museum


Votive relief with Peleus and Thetis (lion as one of her transformations)
Terracotta, Cycladic (?), c. 490-470 BC London, The Briths Museum, 1864,1007.133


Alexander the Great and Craterus hunting lion Macedonia, late 4th C BC
Pella Archaeological Museum (from House of Dionysus)

## Classical images - Greek



Chalcedony scaraboid with walking lion Greek (found in Rhodes), 5th C BC London, The British Museum $(1903,1715.1)$


Black-figure Chalkidian neck amphora Group of Leipzig Amphora, c, 560 BC aris, Musée du Louvre (E796)


Tetradrachm from Leontini (Sicily)
Obv. With quadriga and lion below; rev. w/ head of Apollo with lion


Cameo with lion
Rikjksmuseum

Silver tetradrachm from Sicily
Obv. Dido (Elissa) ; rev. lion w/ palm tree c. 320-310 BC


Silver tetradrachm from Sicily
Obv. Dido (Elissa) ; rev. lion w/ palm tree $4^{\text {th }}$ C BC

Classical images - Greek/Hellenistic (wild lions / lion hunt)


Lion Hunt (Narcissus)
From Yakto, nr. Daphne, 5th C AD
Antalya Musuem


Gladitorial scenes
From Ephesus, Sanctuary of Artemis (Roman?) 1-2nd C AD
London, The British Museum (ac1873.0501-1
cf: Gladiators and Caesars, BM 200, p. 72


[^0]

Orpheus charming the animals
Mosaic
Turkey, Sanliurfa (Edessa) , Haleplibahce Museum


Classical images - Roman (Hercules and Nemean Lion)


Hercules with Nemean Lion
Mosiac
Paphos


Labours of hercules (Hercules with Nemean Lion at right)
Roman, fr. Tomb of Genzano (Via Appia), c. 150-180 AD
London, The British Museum (acc: GR 1873.8-20. 760)


Hercules with Nemean Lion Mosiac, 1st C AD Volubilis, House of Labours of Hercules Photo © Manuel Cohen


Denarius issued by L. Livineius Regulus Gladitorial combat on rev.
42 BC
www. Coinweek.com /... /lions-ancient/coins


AE drachm for Antoninus Pius with Sol , star and lion on rev. Egyptian, dated RY8 = 144-145 AD)
www. Cng Group, LLC


Red Jasper gem w/ Greek inscription 1-3rd C
London, The British Museum (1923.0401.290


AE Geta with Septimius Severus Caesar on obv., Hercules and Nemean Lion on rev.
from Nikopolis,Moesia inf.


## Running Lion

The British Museum


Running Lion
The British Museum


Standing lion
from Tunis, Hamman-Lif Synagogue, 3-5th C AD Brooklyn Museum of Art


Head of Nemean Lion
Mosiac, 3rd C AD

## Paros

Wikimedia Commons: photo - Zde 2014


Running Lion
Paphos, Crete (House of the Kings)


House of Dionysos


Bound lion taunted by cupids, w/ Bacchus in background Head of Nemean Lion
Mosiac, 70 BC - 10 AD, excavated near Naples London, The british Mjseum (Ac 1856.1213.5)


Leaping lion
Floor mosaic from early Christian church
from Syria (Homs), 450-162 AD
Fort Worth Kimball Museum (Ac. AP 1974.17)


Lion's head
Libya, tripoli Museum


Striding Lion
mosaic, 5th C AD
From Antioch (Syria/Turkey)
Baltimore, Museum of Art


Standing Lion
mosaic, 176-245 AD
From Colonia Aelia Augusta Italica Seville, Archeological Museum


Standing Lion
mosaic, Roman 2-3rd C
Libya, Sabratha Museum


Running Lion
mosaic, 2nd C AD
Libya, Villa Silene


Gladiatorial battle
Libya, Leptis Magna (hunting baths)


Sarcophagus with lion hunt
Roman second half 3rd C
Vienna, Kunsthistorisches Museum (inv. I.11.33)


Gladiatorial battles
Libya, Tripoli Museum


Lion with inscription
Roman, 4th C

## Tunis, Bardo Museum



Hunt in the amphitheatre
early 3rd C AD
Fribourg, Villa at Vallon
(cf Ling, pp. 16-18)


Lion sarcophagus front
Rome, Sta Maria in Trastevere


Naples, Farnese Atlas © Per Hadrava
n.b. - leaping to left, tail raised in a loop (tip missing)


Pighius?



Pighius - Coburg


Bentley's Manilius
Gori (1750) / Thieve


Paris, Kugel Globe
nib. - Leo standing to left, tail raised and wavy
note variants in how tail is drawn vs.original

Mainz globe
neb. - Leo standing to left, tail raised and wavy


(drawing © Kunzl)
|. = z stemma


Leiden, Univbibl
Voss lat $4^{\circ} 79$
n.b. - Leo leaping to left, tail raised


Boulogne-sur-Mer, Bibl. Mun.
Ms 188
same

vs. planisphere
n.b. - Leo leaping, head up, tail flat


Bern, Burgerbibl,
Ms 88
more decorative curls in mane

vs. planisphere
same

## Germanicus mss

II and III. = O stemma ( $\mathrm{O}^{1}$ or v )
II.


Esrernan oraxpiçepactes grue- milyla fowm.
Narus edf Thorivg qurcarbve systuga ovxit-
Quxdifeoes getions iens jeanepsug thutaas
Basle, OBU
Ms AN.IV . 18
n.b. - Leo runs to left, tail down (note stars above rump)

vs. planisphere
n.b. - runs to left, tails raised
III.
 No werore darsm'v infichump mpoftriore
 H- que wocamtr amper berventey erctpre nage



Aberystwyth, NLW Ms 735 C
n.b. - runs to left, tail down

vs. planisphere
n.b. - standing to left, tail raised

vs. schema - like planisphere

vs. summer hemisphere

vs. zodiac
IV. $=0$ stemma ( $0^{2}$ or $\mu$ )

 car"ỉ utrgimí- quçletbo puertime. Jha aut que mpectoe cutf eft clani o'magha appel Latáf zuberone.


Madrid, Bib nac
Ms 19 (16)
n.b. - Leo runs to left, tail up

Va. = o stemma ( $0^{2}$ or $\mu=$ Siciliensis)

## P-moving $F$ plag: ed rectotel 1 व'cuprat.

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 urabe contigevt p'inde untënownoi

Cologny, Bib Bodmer Cod lat 7
n.b. - Leo leaps to left, tail up

(8) RENISVE
tubifae faihum cernelenies ucube cörigent phabh usidenor axes

NY, Pierpont Morgan Libr Ms M 389
n.b. - standing to left, with right paw lifted, tail up

Vb.


Vatican, BAV
Barb lat 76


London BL
Egerton 1050
n.b. - Leo leaping left, tail up
VII. fiounam /nextiemominoke


London BL
Add 15819
n.b. - similar


Naples, Bib naz
XIV D 37
= fragmentum ... repertum in Sicilia

VIIIa.
inaman rertio unam: in extremo minore anam: inteftaduas Sant omnce ixbloi.





rrentigg, iubas pe fitlume cerne humern une ubr conngecrty pinebr violention Ave

## Madrid Bib Nac

Ms 8282
n.b. - leaps left, tail up

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Tunclymply tenises cuncent etifilimatall
Et denfas fetos fogetro bene condif atator


## VIIIb.


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VIIIc.


Florence, Bibl Laurenziana
Plut 89 sup 43
similar
IX.


## Montpellier

Ms H 452
n.b. - pouncing, tail up


Vatican BAV,
Vat grec 1087
n.b. - Leo leaping to left, tail up above back

## Cicero



London, BL
Harley 647


## London, BL

Harley 647 - planisphere
n.b - leaps to right; tail over back
$\square$

## London, BL

Harley 2506 - slug-like Leo with curls at side of head, flame from mouth
of Leo?

## Cicero



London, BL
Cotton ms Tib B.V., pars 1


London, BL
Cotton Ms Tib C. 1
missing from manuscript

Gottweig,
Stiftsbibl Ms 7
I.


## Dresden, Landesbibl.

Ms D C 183 -
n.b. - flattish Leo with 'breath', Crater with handles, Corvus facing forward


Dresden - summer hemisphere
n.b. - standing, tail up


Dresden - zodiac rota ame, one paw raised


Paris BN
Lat 12957
n.b. - standing to left, tail up and curled


## Prague, Univbibl

Ms IX. C. 6 (1717)
n.b. - stylised lion with right paw raised; tail extended backwards


Paris - summer hemisphere rota n.b. - both w/ paw raised


Prague - summer hemisphere
la.


## St Gallen, Stiftsbibl

Ms 902
n.b. - runs to left, tongue out, tail up

summer hemisphere

summer hemisphere

rota - crouching

Ib.


Gottweig, Stiftsbibl.
Ms 7 (146)


## Siena, Bib com

Ms L. IV. 25
stands to left, tail down
missing in manuscript
hemisphere

hemisphere

## Revised Aratus Latinus

I. (distant relative)


Paris BN
n.a. 1614
n.b. - Leo to left, tongue out, tail up and curled

summer hemisphere
n.b. - to left, with object above (ivy leaf ?)


Munich, Staatsbibl.
Clm 560

summer hemisphere


Vatican, BAV
Reg lat 1324
n.b. - heraldic, to left, tongue out, paw raised, s-shaped tail above

summer hemisphere
n.b. - to left, with object above (ivy leaf as vase?) 3
II.


Cologne, Dombibliothek
Ms 83.11
n.b. - pencil underdrawing and stylus marks = Leo to the left
 मe pex \{pleninain-Site omis. 12 ,
 rextua manno-1-|n fitmitate man aftre-z. In firm bzadroedules $z=\frac{z}{x}$

Oxford, Bodleian
Laud misc 644
n.b. - Leo leaps to left, s-shaped tail above back


Venice, Bib Marciana

## Ms VIII, 22

n.b. - Leo walks to left, tail curled between hind legs and rises above back


Padua, Bibl Antoniona
Ms Anton 27
n.b. - similar, but w/ tail down


Paris BN
lat. 14754
n.b. - close to Oxford ms
la.



## Dijon

## Bib mun, Ms 488

n.b. - similar, but with heart-shaped/ivy leaf (?)
end to tail; note how three different formats have different picture-types

second zodiac series


Ila.


## Paris, BN

Lat 5543
n.b. - leaps to left, s-shaped tail raised


-tellam incapue 1 Inurrog: hamerol- edea ef clarion

Paris, BN
Lat 5239
n.b. - stands to left, tail out with peculiar spiral at end

IIb.


## Klosterneuburg,

## Stiftskirche, Ms 685

n.b. - Leo leps to left, with heartshaped/ ivy leaf (?) at tip of tail


## zodiac rota

Right paw raised, leaf-tail


Vatican, BAV
Vat lat 643
similar, but tongue out and tail ends in a tuft

zodiac rota
crouching


Zwettl, Stiftskirche
Ms 296
closer to Klosterneuburg

zodiac rota
closer to Klosterneuburg
III.


Laon
Bib mun, Ms 422
n.b. - Leo walks to right, tongue out, left leg raised


Rouen,
Bibl mun, 26
similar, but no tongue left edge of page damaged)

## Singletons



## Amiens

Bibl mun, Ms 222
missing from manuscript

Durham, Cathedral Libr Hunter 100

Leo on calendar page
n.b. - crouching and curled tail



Freiburg-im-Bresgau
Ms 35
n.b. - racing to eft, tail streaming behind

## ps-Bede, De signis caeli

## Singletons




 lé: : funzomirex

## Montecassino,

Badia, Ms 3
n.b. - Leo racing to left, mouth open, tail behind

## De ordine ac positione

 pofitrorgenurt - inpmpoda dafzat fiena-× Y 41 verderruedceds


Berlin planisphere
n.b. - similar

summer hemisphere
Ms F. 9/176 (246)
similar, but tail slightly higher
la.


## Madrid, Bib Nac

Ms 3307
n.b.- same

Ib.


Vatican BAV,
Vat lat 645
n.b.- same. w/ tail tip downwards

## De ordine ac positione

II.


Munich, Staatsbibl. Ms clm 210
n.b. - Leo alone, to right, tongue out
missing from manuscript

planisphere
leaping to right

Vienna, ONB
Vindob 387
same

## De ordine ac positione

 burfarmunnui.fubuencre dariō.


Austin TX, Harry Ransom,
Univ of Texas, Ms 29
n.b. - walks to left; tail out behind


Paris BN
lat n.a. 1614
n.b. - similar, right paw raised

summer hemipshere


St Petersburg, Nat Libr
Ms QvIX, no 2
n.b. - Leo standing to left, tongue out, tail behind with
large tuft

## De ordine ac positione

IV.


Paris BN
lat 12117
n.b.- Leo to right left paw raised, tail out behind


Vatican BAV,
Reg lat 309
n.b. - standing to right, tail raised

## De ordine ac positione







Los Angeles, Getty Mus Ludwig XII, 5
n.b. - standing to left, right paw raised; tail S-shaped above back


Paris BN,
lat 8663
n.b. - Leo to standing left, tail out behind

Singletons


Vienna, ONB
Vindob 12600
n.b. - Leo leaping to right; Sshaped tail behind with leafshaped tuft


Reykjavik
Ms 1812
n.b. - to right with front paws raised; tai between hind legs and then upwards,
$1 a$.
missing from manuscript

## S Paul im Lavantthal

Ms 16/1 (XXV. 4.20
 fermetof fer mictof im hofthä preftare queninie.


If è conō faymin mornangulp coll ocate quaf
 uf beronice prolorner so a iffonif' fita foronsf


## Florence, Bibl Laurenziana

## Ms Plut 29.30

n.b. - Leo standing to right with left front paw raised, S-shaped banded tail


Leiden, Univ-blbl
Voss $8^{\circ} 18$
n.b. - facing left, tail between hind
legs with odd palmate tip

Ib.


Wolfenbüttel, Herz Aug
Ms 18.16. Aug $4^{\circ}$
n.b. - leapng to left, tongue out, tail between hind legs and under belly


London BL
Arundel 339
similar, but reversed

Ic. (singleton)


## Vienna ONB

Vindob 51
n.b. - Leo prances to left, tongue out, tail behind
II. (singleton)


 क)

(ans abocafum fupta copufbyatre coute quacanc


Leiden Univ-bibl
Voss lat $4^{\circ} 92$
n.b. - Leo seated to right, front paws raised, tail between hind legs and tip above back

## Hyginus

III.


Leiden Univ-bibl
Voss lat $8^{\circ} 15$
n.b. - Leo running to left with raised tail
 evüler promur dimuate fuumernopmur Laubabilenn eni folähune meqonif mer: fod ad phenfin offocature.


 Ifumdieriú

## Vatican BAV

Reg lat 123
n.b.. - similar, but more stylised and tail longer

planisphere
n.b.. - doglike with collar (!)

## IV.


trguec hanc dič axae aftre © lle yregnc. antore filhä Qe cañ in aurea ecate eruolife

## Oxford, Bodleian Libr

Bodley 614
n.b. - Leo walks to the left, right paw raised; tail between hind legs, with tip above back


Oxford, Bodleian Libr
Digby 83 (SC 1684)
n.b. - similar, but paw not raised
V. (singleton)



Baltimore, Walters Art Gallery
Ms 734
n.b. - Leo to left, tongue out, tail between hind legs and leaf-
shaped tip raised above back

## VI. (singleton)




## Berlin, Staatsbibl.

Ms $8^{\circ} 44$ (Rose 962)
n.b. - Leo to right right paw raised; sshaped tail raised; 2 star names included


Munich, Staatsbibl
Clm 59

## VI- related: German Star Books ('secundum Hyginum')




Lyon, Bib mun
Ms 172
standing to right, tongue out, huge $S$-shaped tail


Vatican BAV
Pal.lat. 1389
similar to Berlin


Munich, Staatsbibl
Germ 595
similar, but right paw raised, odd bird-like feet


Wolfenbüttel Herz Aug Guelf 8124 Aug 2
two version of Leo
VII. (singleton)


London BL,
Roy Ms 13. A. XI
n.b. - Leo standing to right with left paw raised, Sshaped tail raised
VIII. (singleton)


Munich, Staatsbibl.
Clm 10270

## Hyginus

## IXa.



## Cambridge, Fitzwilliam Mus

 Ms 260n.b. - Leo crouched to right, tongue out, tail above back


Siena, Bib com
Ms L. VI. 25
similar to Oxford


Florence, BN
Magl XI. 141
Walking to right, looks at viewer, right front paw raised, tail above back


Vatican, BAV
Vat lat 3109
to right, paw raised


Milan, Bibl. Ambrosiana T. 47 sup
stands to right, tail down

Vatican, BAV Vat lat 3109
walks right, facing viewer, tail behind



Oxford, Bodleian Libr Can. class lat 179 stands to right, loks at viewer, $S$-shaped tail out behind


Verona, Bibl capitolare Ms CCLXI
Stands right on hill, faces
viewer, S-tail behind

## IXb.



Oxford, Bodleian Library

## Can misc 46

n.b. - Leo leaps to right, faces viewer, S -shaped tail up

IXc.


Milan, Bibl Trivulziana
N. 690 (E 83)
same


Vatican, BAV
Vat lat 3110
n.b. - stands to right, faces viewer, S-shaped tail raised


Florence, BNC Magl XI. 114,1

## Hyginus

IXd. (distant singleton)


Florence, Bibl Laurenziana

## Ashburnam 1148

n.b. - Leo standing to right, faces viewer, elaborate tail above back





New York, Public Library Spencer Ms 28
n.b. - walks to left, right paw raised, turns towards viewer, tail down

IXe.


Pavia, Bibl Univ
Aldini 490
n.b. - Leo walks to right, faces viewer, left paw raised, tails raised


Vatican., BAV
Urb lat 1358
same


Freiberg, Andreas-Möller-Bibl. CI XI 409
same


Florence, Bib Laurenziana
Plut 89, sup 43
n.b. - leaps to left, tongue out, tail raised

## X. (singleton)



Vatican, BAV
Chigi H. IV. 20

## XI. (singleton)



Cortona, Lib del Comune
Ms 184 (256)
n.b. - Leo walks to right, S-shaped tail above back

Hyginus - singletons


Cambrai, Bibl Mun.
Ms 933 (832)


Cambridge, Trinity College
Ms R 1532


Leiden, Univ.-bibl. Gronovius 21

Venice: Ratdolt, 1482

cf Michael Scot = Leo stand to left, faces viewer, tail between hind legs and ends above back


Vienna ÖNB
Vindob 3111
same
la.


Rimini, Cassa di Risparmio (London Sotheby's sale 1992)
n.b. - Leo walks to right, left paw raised, tongue out, S -shaped tail behind
Ila.


Oxford, Bodleian Libr
Bodley 646
n.b. - similar, but U-shaped tail

Ib.


Cambridge, CUL
DdIV 64
n.b. - similar, but standing


Parma, Bib Palatina,
Parm 1008
same


Venice, Bibl Marciana
XII, 194 (4148)
n.b. - reversed, s-shaped tail

## Basinio da Parma

IIb.


Parma, Bibl Palatina Parm 27


Rome Bibl Casanatense
Ms 4059
n.b. - walks to right, raises left paw, looks at viewer, tail down


Munich, BSB
Clm 15743
n.b. - walks to right, paw raised, tail down
III.


Bologna, Bibl Com
Ms 173
n.b. - Leo stands to right, tongue out, Sshaped tail upwards


Ravenna, Bib Classense
Ms 120


London, Wellcome Coll WMS 122
similar
VI. inuaq: deffiwi pertarent frigora uenti.


Florence, Bibl Marucelliana
Ms C. CCLI
n.b. - to left, head turned back, tail between legs =


Krakow,
Rps BJ 3706


Padua, Bibl. Universitaria
Cod 983


[^0]:    Orpheus charming the animals
    Mosaic
    Paphos, House of Orpheus

